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(54) SEALANT COMPOSITION

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a sealant compsn. which has a high hardness while retaining the characteristics of butyl rubber and which can give a double glazing by a primary sealing alone by compounding butyl rubber with a crystalline polyolefin.

SOLUTION: This comsn. is prep'd. by compounding 50-98wt.% butyl rubber with 2-50wt.% crystalline polyolefin. Pref. the compsn. further contains a filler in an amt. of up to 200 pts.wt. based on 100 pts.wt. the sum of the rubber and the polyolefin. Pref. the rubber has a relatively hgh-mol.-wt. and is an isobutylene homopolymer, an isobutylene-isoprene copolymer, or a partially vulcanized butyl rubber. Pref. the polyolefin is an ethylene or propylene homopolymer or an ethylene-propylene copolymer and has a crystallinity of 50% or higher. Further addition of additives, esp. zeolite as a drying agent, is pref. This compsn. is esp. suitable for sealing the edges of a double glazing.

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